



## **AGENDA MEMORANDUM**

Action Item for the City Council Meeting September 2, 2025

**DATE:** September 2, 2025

**TO:** Peter Zaroni, City Manager

**FROM:** Nicholas Winkelmann, P.E., Director of Water Systems and Support Services  
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<p><b>Supply Agreement for Liquid Cationic Polymer for Treatment of Potable Drinking Water</b></p>
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### **CAPTION**

Motion authorizing execution of a one-year supply agreement, with one one-year option, with Polydyne, Inc., of Riceboro, Georgia, in an amount not to exceed \$1,008,000.00, with a potential up to \$2,016,000.00 if the option is exercised, for liquid cationic polymer used in the treatment process to produce potable drinking water at the O.N. Stevens Water Treatment Plant, with FY 2025 funding of \$168,000.00 from the Water Fund.

### **SUMMARY:**

This is a supply agreement for liquid cationic polymer for the O.N. Stevens Water Treatment Plant. Liquid cationic polymer is used as a coagulant aid by Corpus Christi Water (CCW) to increase the settling of suspended solids during the water treatment process at the O.N. Stevens Water Treatment Plant. The polymer is required to promote the settling of suspended particles during the treatment process.

### **BACKGROUND AND FINDINGS:**

Liquid cationic polymer is a coagulant aid chemical used for the treatment of potable water at O.N. Stevens Water Treatment Plant. The polymer enhances the effectiveness of the coagulant (aluminum sulfate) by increasing the settlement of particles during the treatment process.

### **PROCUREMENT DETAILS:**

The Finance & Procurement Department conducted a competitive procurement process which included a formal solicitation of bids from qualified companies. Forty-seven notifications were sent to potential bidders, of which two bids were received. One bidder was disqualified due to an improper submission.

Staff is recommending the award to Polydyne Inc. Polydyne, Inc have satisfactorily fulfilled contracts with CCW since 2013 and are both the manufacturer and distributor of this chemical.

The table reflects the cost comparison for price per wet ton from 2022 to 2025 for Polydyne, Inc.

Liquid Cationic Polymer				
2022 Pricing	2023 Pricing	2024 Pricing	2025 Pricing	Price Decrease from 2024 to 2025
\$2,140.00/T	\$2,340.00/T	\$2,480.00/T	\$2,240.00/T	\$40.00/T

### **ALTERNATIVES:**

An alternative to securing a long-term supply agreement is to purchase the liquid cationic polymer through short-term supply agreements. This method of transactions may cause delays in the shipment of this critical chemical used for the treatment of potable water. In addition, the cost will depend on the market price at the time of purchase, which would likely be greater than guaranteed contractual pricing.

### **FISCAL IMPACT:**

The fiscal impact for the Water Fund in FY 2025 is \$168,000.00.

### **Funding Detail:**

Fund: 4010 Water Fund  
Organization/Activity: 31010 O.N. Stevens Water Treatment Plant  
Department: 45 Water  
Project # (CIP Only): N/A  
Accounts: 520010 Purification Chemicals  
Amount: \$168,000.00

### **RECOMMENDATION:**

Staff recommends approval of this motion authorizing a one-year supply agreement, with one one-year option, with Polydyne Inc. as presented.

### **LIST OF SUPPORTING DOCUMENTS:**

Bid Tabulation  
Supply Agreement